

Attachment S

Inventory of Facilities

**NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table Number 1**

This table lists all cleanable buildings and is designed to highlight some of the unique areas within each building, as well as to highlight the primary shift for the major portion of the building, but not necessarily for the unique areas listed on this table. Within a building there may be some specific rooms, areas or tasks which shall be performed on a different shift from the primary shift listed below. These shifts and times will be noted in detail in the individual building requirements. Where first shift is listed, the contractor shall define the time period, but the shift shall not end later than 3:30 p.m.

Building Number	Building Highlights	Primary Shift for Facility Cleaning
3	Offices, Conference Rooms, Auditorium	Clean from 4:30 p.m. to 6:00 a.m.
4	Aircraft Hanger, Shop, Offices	1st Shift
5	Test Cells, Shops, Offices, Large Industrial Equipment, Vending & Eating Area	No Time Constraints for Cleaning
6	Offices, Laboratories	No Time Constraints for Cleaning
7	Shop, Highbay Test Cell, Offices, Control Room	No Time Constraints for Cleaning
8	Visitor Information Center (Display Areas, Auditorium), Large Carpeted Auditorium with Wood Stage	After VIC evening scheduled functions and prior to 7:30 a.m.
9	Large Industrial Equipment Building with Control Room	1st Shift
11	Wind Tunnel Control Room, Shop, Offices, Carpeted Lobby and Conference Room	1st Shift
12	Steam Plant (Highbay Area), Control Room	No Time Constraints for Cleaning
14	Large Machine Shops, Offices, Kitchen, Garage	1st Shift
15	Café., Dining Rms., Offices, Med. Services (9-Sinks), NASA Exchange Store, Credit Union & Union Offices	Clean from 4:30 p.m. - 6:00 a.m.
16	Highbay Test Cells, Offices, Shops	1st Shift
21	Offices	No Time Constraints for Cleaning
21A & WH	Warehouse (WH), Shipping/Receiving Dock, Freight Traffic, Mail Room, Print Shop, Calibration Lab.	21A: 1st Shift; WH: 7:00 a.m. to 4:30 p.m.
23	Offices, Test Cells, Shops, Large Industrial Equipment	Clean From 4:30 p.m. to 6:00 a.m.
24	Shops, Test Cells, Control Rooms, Offices	No Time Constraints for Cleaning
28	Instrument Pool, Furniture Storage, Blueprint Room, Offices	1st Shift

Building Number	Building Highlights	Time Constraints for Facility Cleaning
34	Shops, Test Cells, Offices	No Time Constraints for Cleaning
35	22 Separate Small Buildings, Test Cells, Shops, Offices (Total of 12 Buildings Routinely Cleaned)	1st Shift
37	Training Rooms, Large Industrial Equipment	No Time Constraints for Cleaning
38	Test Cells, Shops, Control Room	1st Shift
39	Wind Tunnel Shop Area	No Time Constraints for Cleaning
45	Drop Tower Assembly Area, Control Room	No Time Constraints for Cleaning
49	Laboratories, Shops, Offices	1st Shift
50	Fabrication Shops, Offices	1st Shift
51	Laboratories, Test Cells, Shop, Offices	1st Shift
53	8 x 6 Wind Tunnel Motor Drive Area, Control Room	No Time Constraints for Cleaning
54	Offices, Control Rooms	No Time Constraints for Cleaning
55	Control Rooms, Shops, Offices, Clean Room	No Time Constraints for Cleaning
56	Control Rooms, Shops, Offices	No Time Constraints for Cleaning
57	Air Dryer Switchgear Room, Restroom	No Time Constraints for Cleaning
60	Library, Library Storage Area, Offices	1st Shift
61	Wind Tunnel Fuel Building	No Time Constraints for Cleaning
64	Large Industrial Equipment, Control Room	No Time Constraints for Cleaning
66	Shop Areas, Offices	No Time Constraints for Cleaning
73	Storage and Shop Area	No Time Constraints for Cleaning
74	Pump Building, Shop Area	No Time Constraints for Cleaning
77	Offices, Laboratories, Shop, Clean Rooms (2)	1st Shift - 3 Story Side; No Time Constraints - Remainder of Bldg.

Building Number	Building Highlights	Time Constraints for Facility Cleaning
78	Staging and Storage Area, Lab Annex with Cement Floors	No Time Constraints for Cleaning
83	Shop, Storage Area, Restroom	1st Shift
84	Warehouse	1st Shift
85	Test Chamber, Shop Area	Clean From 4:30 p.m. to 6:00 a.m.
86	(Includes Main & Annex Buildings), Control Room, Offices, Conference Rooms, Vending Area, Locker Room	Clean From 4:30 p.m. to 6:00 a.m.
87	10 x 10 Wind Tunnel Secondary Compressor Drive Area, Control Room, Conference Room, Restroom	1st Shift
88	Air Dryer Control/Observation Room	2nd Shift
90	10 x 10 Wind Tunnel Main Compressor Drive Building, Control Room, Rest Room	2nd Shift
94	Large Pump Room, Switchgear Area	1st Shift
95	Highbay, Industrial Equipment	No Time Constraints for Cleaning
98	Control Room	No Time Constraints for Cleaning
100	Control Room, Clean Room, Offices (Includes Annex Trailer)	Clean between 7:00 a.m. to 4:30 p.m.
101	Highbay Shop Area, Laboratory	No Time Constraints for Cleaning
102	Highbay Test Cells, Shop, Control Room	Clean From 4:30 p.m. to 6:00 a.m.
104	Garage, Car Wash, Tool Crib, Offices	No Time Constraints for Cleaning
105	Laboratories, Highbay Shop Area, Offices	No Time Constraints for Cleaning
106	Laboratories, Shop Area, Offices, Loading Dock	No Time Constraints for Cleaning
107	Carpenter Shop, Metal Shop, Grounds Equipment Bay, Four Supply Cages, Paint Spray Booth	No Time Constraints for Cleaning
108	Main Gate House, Restroom	No Time Constraints for Cleaning
109	Shop, Office	No Time Constraints for Cleaning
110	Highbay Test Area, Shops, Clean Rooms (4), Offices, Labs, Vending/Dining Area	Clean From 4:30 p.m. to 6:00 a.m.

Building Number	Building Highlights	Primary Shift for Facility Cleaning
113	Wind Tunnel Shop Area, Tool Room	No Time Constraints for Cleaning
114	Exhauster Building, Large Industrial Equipment	1st Shift
124	Highbay, Large Test Equipment	No Time Constraints for Cleaning
125	High Bay Test Cell Area, Control Rooms, Shop	Clean from 7:00 a.m. to 3:30 p.m.
137	Warehouse, Furniture Storage	No Time Constraints for Cleaning
142	Large Computer Area, Shops, Offices, Atrium, 2-Vending Areas	No Time Constraints for Cleaning
143	Computer Area/Control Room, Offices	No Time Constraints for Cleaning
145	Control Room, Build-up Area	Clean from 7:00 a.m. to 3:30 p.m.
212	Chemical Storage Facility	Clean from 7:00 a.m. to 3:30 p.m.
300	Conference Building (Multiple Rooms)	After evening scheduled functions and prior to 7:00 a.m.
301	Offices, Shops, Control Room, Highbay Test Area, Clean Room	No Time Constraints for Cleaning
302	Offices, Laboratories	No Time Constraints for Cleaning
309	Offices, Laboratories	No Time Constraints for Cleaning
322	Raised-Floor Computer Area, Restroom	1st Shift
333	Control Rooms, Offices, Highbay Clean Room, Labs	No Time Constraints for Cleaning
333A	Highbay Area, Laboratory	No Time Constraints for Cleaning
340	Child Development Center	Biohazard Spills Only
341	Fitness Facility	Light cleaning after 6:00 p.m. & vacuuming after 7:00 p.m.
342	Picnic Pavilion, Gas Grills (28), Serving Area with Sinks, 6500 Sq. Ft. of Concrete	Early on 1st Shift - prior to any scheduled functions
399	West Area Gate House	Clean before 8:00 p.m.

Building Number	Building Highlights	Primary Shift for Facility Cleaning
401	Under Construction (To be updated)	
402	Under Construction (To be updated)	
500	Cafeteria, Dining Room, Auditorium, Offices	No Time Constraints for Cleaning
501	Offices, Conference Rooms	No Time Constraints for Cleaning
West Area Gate 315	Outside Gated Storage Area	No Time Constraints for Cleaning

Notes:

1. Total number of buildings to be cleaned is 81 plus the S-40 Area.

<p align="center">NASA Glenn Research Center Inventory of Facilities Building Audit - Table Number 2</p>

NOTE: The following data lists the total number of windows and glass doors per building and indicates that there are several different types of windows in each building. Average window size is 39.62 SF.

Key of Window Types:**Type 1: Modern Double Pane, 180 Degree Tilt-Type****Type 2: Single-Pane, 45 Degree Tilt-Out Type****Type 3: Single-Pane, Stationary Glass Panel****Type 4: Glass Block Panels****Type 5: Double Hung, Single Pane****Type 6: Insulated, Single Pane, 60 Degree Tilt-Out Type****Type 7: Single Pane, Casement**

Building Number	Number of Windows	Type of Windows
3	145	1, 3 & 4
4	146	1 & 2
5	95	1, 3 & 4 + Glass Doors
6	170	1 & 3 + Glass Doors
7	45	1 & 3 + Glass Doors
8	32	3 + Glass Doors
9	32	1 & 3
11	38	1 + Glass Doors
12	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
14	79	3 + Glass Doors
15	108	1 + Glass Doors
16	65	2 & 3
21	100	1 + Glass Doors
23	79	1 & 3 + Glass Doors
24	13	4 & 5
28	34	2, 3, & 5
34	14	1 & 2 + Glass Doors
35	20	2, 3 & 4
37	0	0
38	8	3

Building Number	Number of Windows	Type of Windows
39	0	0
45	38	6
49	214	1 & 3 + Glass Doors
50	186	1, 3 & 6 + Glass Doors
51	34	3
53	30	2
54	176	1, 2, 3 & 4 + Glass Doors
55	65	2 & 3
56	13	1
57	0	0
60	363	1, 3, & 2 + Glass Doors
61	6	4
64	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
66	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
73	7	3
74	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
77	347	1, 3, & 4 + Glass Doors
78	7	4 & 5
83	6	2 & 5
84	0	0
85	0	0
86	309	1 & 3 + Glass Doors
87	0	3
88	0	0
90	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
94	14	3
95	9	3 & 5
98	6	3
100	105	1 & 2 + Glass Doors
101	12	1 & 3 + Glass Doors

Building Number	Number of Windows	Type of Windows
102	49	1 & 3
104	16	3
105	124	2 & 1 + Glass Doors
106	109	1+ Glass Doors
107	36	3 (Not Typically Cleaned)
108	12	1 & 3 + Glass Doors
109	4	2
110	90	1 & 3 + Glass Doors
113	N/A	Large Multi-Panel, Single Pane, Not Routinely Cleaned
114	N/A	3 (Not Typically Cleaned)
124	0	0
125	30	2 + Glass Doors
137	0	3
142	249	1 & 3 + Glass Doors
143	24	6 + Glass Doors
145	6	1 + Glass Doors
212	6	3
300	27	Double Hung Windows Glass Panel Doors
301	115	1 & 3 + Glass Doors
302	100	2 & 3 + Glass Doors
308	N/A	2 (Not Typically Cleaned)
309	67	1, 2 & 3 + Glass Doors
322	0	0
333	24	1 & 3 + Glass Doors
333A	1	3
341	Under Construction (To be updated)	
342	0	0
399	6	3
401	Under Construction (To be updated)	
402	Under Construction (To be updated)	
501	154	1 & 3 + Glass Doors

Note 1: Window cleaning includes interior and exterior surfaces.

Note 2: Some windows are double pane windows with a space between. Windows which have a seal which can be opened, shall be cleaned on both interior panels.

**NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table Number 3**

Building Number	Number of Stairwells	Stair Tread Materials	No. of Elevators	Walk-off Mats ~ Number
3	4	2-Terrazzo, 2-Rubber	1	11
4	5	2-Rubber, 3-Metal	0	7
5	9	2-Terrazzo, 3-Concrete, 3-Metal, 1-Resil. Tile	2	13
6	4	2-Terrazzo, 2-Rubber	1	7
7	5	5-Rubber	0	7
8	4	2-Carpet, 2-Rubber	0	7
9	4	2-Metal, 2-Concrete	0	0
11	5	3-Metal, 2-Rubber	0	3
12	3	2-Concrete, 1-Metal	0	2
14	4	2-Rubber, 2-Metal	0	24
15	2	2-Rubber	0	15
16	13	11-Metal, 2-Concrete	1	5
21 & 21A	4	3-Resil. Tile, 1-Metal	0	17
23	4	2-Terrazzo, 2-Concrete	1	8
24	0	Not Applicable	0	9
28	0	Not Applicable	0	6
32	0	Not Applicable	0	3
34	0	Not Applicable	0	3
35 + cells*	0	Not Applicable	0	19
37	2	1-Metal, 1-Concrete	0	0
38	1	1-Metal	0	4
39	1	1-Metal	0	2
45	3	1-Rubber, 1-Resil. Tile, 1-Metal	1	2
49	5	2-Rubber, 2-Concrete, 1-Resil. Tile	1	8
50	4	2-Rubber, 1-Concrete, 1-Metal	0	18
51	1	1-Metal	0	11
53	5	2-Concrete, 2-Metal	0	3
54	4	2-Terrazzo, 2-Rubber	1	4
55	4	2-Concrete, 2-Metal	2	11
56	1	1-Metal	0	4
57	1	1-Concrete	0	1
60	6	3-Carpet, 3-Rubber	1	11
61	0	Not Applicable	0	2
64	9	2-Concrete, 7-Steel	1	1
66	4	2-Steel, 1-Concrete, 1-Rubber	0	7
73	2	2-Concrete	0	3
74	6	5-Metal, 1-Concrete	0	2
77	5	3-Terrazzo, 2-Concrete	3	13
78	1	1-Metal	0	2
83	0	Not Applicable	0	1
84	1	1-Metal	0	0
85	9	9-Metal	1	1
86	4	3-Carpet, 1-Terrazzo	1	20
87	4	4-Metal	0	1
88	2	2-Concrete	0	2
90	10	10-Metal	0	6
94	2	2-Metal	0	1
95	1	1-Metal	0	0
98	0	Not Applicable	0	1
100 & Annex	2	2-Concrete	0	4
101	0	Not Applicable	0	6
102	2	2-Concrete	0	4

Building Number	Number of Stairwells	Stair Tread Materials	No. of Elevators	Walk-off Mats ~ Number
104	1	1-Metal	0	4
105	3	1-Terrazzo, 1-Concrete, 1-Steel	1	9
106	3	1-Rubber, 2-Terrazzo	1	5
107	4	1-Metal, 3 Concrete	0	1
108 & 108-1	0	Not Applicable	0	3
110	4	2-Metal, 2-Resil. Tile	2	7
113	10	10-Metal	0	3
114	1	1-Metal	0	1
124	3 outside	3-Metal	0	0
125	9	6-Metal, 3-Concrete	1	3
137	1	1-Metal	0	0
142	6	4-Rubber, 1-Terrazzo, 1-Concrete	2	6
143	1	1-Rubber	0	3
145	0	Not Applicable	0	4
212	0	Not Applicable	0	2
300	4	2-Rubber, 2-Wood	0	1
301	7	2-Terrazzo, 2-Steel, 3-Concrete	1	5
302	3	3-Resil. Tile	1	5
309	2	2-Concrete	1	3
322	0	Not Applicable	0	1
333	5	3-Metal, 2-Concrete	0	14
333A	2	2-Concrete	0	3
341		Under Construction - To Be Determined		
342		Under Construction - To Be Determined		
399	0	Not Applicable	0	0
401		Under Construction - To Be Determined		
402		Under Construction - To Be Determined		
500	6	6-Terrazzo	3	12
501	4	3-Terrazzo, 1-Carpet	1	3

- Notes:**
1. The NASA GRC Picnic Pavilion (Bldg. 342) contains 28 gas-fired grills.
The Pavilion also has a serving area with sinks, a walk-in freezer, and refrigerators.
 2. The Building 35 complex consists of a total of 22 one-story test cells ranging in size from 2,300 sq. ft. down to 270 sq. ft.. Of the 22 test cells, only 35-1, 35-2, 35-3., 35-4, 35-5, 35-6, 35-7, 35-8, 35-9, 35-10, and 35-11 are cleaned.
 3. There are numerous sizes of walk-off mats used at GRC.

JANITORIAL SERVICES CONTRACT

NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table Number 4

Building Number	Total Building Square Footage to be Cleaned	Rest Rooms						Drinking Fountains	Carpeted Floor Area (Sq. Ft.)	Resilient Tile Floor Area (Sq. Ft.)	Concrete Floor Area (Sq. Ft.)	Wood Floor Area (Sq. Ft.)	Ceramic Tile Floor Area (Sq. Ft.)	Terrazzo Floor Area (Sq. Ft.)	Why (Inc. Raised Computer) Floor Area (Sq. Ft.)	Metal Floor Area (Sq. Ft.)	Misc. Area (Sq. Ft.)
		Men's	Women's	Sinks	Toilets	Urinals	Showers										
3	34,587	3	3	1	6	10	4	0	24,878	53		7,350	1,308	998			
4	56,478	3	1	9	7	5	3	4	2	5,468	44,811						
5	177,659	4	3	18	20	13	3	4	11	23,314	59,826	47,260				47,259	
6	38,443	2	2	8	8	4	0	3	21,135	10,419	3,286			318		3,285	
7	17,834	2	1	6	6	4	0	4	1,543	5,422	10,869						
8	12,564	1	1	6	6	3	0	0	10,310	882	1,069	523					
9	18,314	1	0	1	1	1	0	1		291	18,023						
11	9,922	1	1	4	5	2	0	1	3,887	1,642	4,393						
12	10,135	1	0	2	1	1	0	1		330	4,755		4,755		295		
14	65,360	3	2	11	14	8	3	1	5,167	15,887	44,506						
15	42,485	6	3	22	19	7	0	1	17,305	11,125	1,919		6,411		5,725		
16	45,106	3	1	7	7	5	1	2	145	7,562	37,399						
21 & 21A	79,478	4	4	20	23	9	0	4	38,223	19,486	21,769		1,120			1,848	
23	95,287	2	2	8	8	4	0	4	13,119	4,859	76,189						
24	17,180	1	0	2	2	2	0	1		7,239	8,093						
28	12,144	1	1	4	4	1	0	1	5,185	2,607	4,352						
34	8,657	1	1	6	6	2	1	2		5,804	2,853						
35 +	17,802	2	0	3	3	1	0	4		8,112	9,680						
37	19,810	1	0	2	2	1	0	0			9,064		70		1,613	9,063	
38	17,373	0	0	0	0	0	0	1		3,135	7,365					6,873	
39	9,700	1	1	2	2	0	0	0			9,700						
45	6,099	1	1	2	2	1	0	1		5,328	657		114				
49	97,935	3	5	23	16	10	3	6	26,935	37,000	34,000						
50	46,959	2	2	12	10	5	2	3	7,361	3,741	27,260	8,597					
51	13,442	1	1	6	6	2	2	1		11,549	1,893						
53	2,010	1	0	2	1	1	1	1		820	1,390						
54	37,132	3	2	10	12	7	0	3	21,057	9,662	5,775			502			136
55	16,589	2	1	4	5	2	0	2		11,049	7,520						
56	2,804	0	0	0	0	0	0	1		2,804							
57	80	1	0	2	1	1	1	1			80						
60	31,302	2	3	10	15	4	0	1	25,464	1,658	4,150						
61	414	1	0	1	1	0	0	1			414						
64	82,359	3	1	5	6	4	2	1		2,808	79,553						
66	15,943	1	1	3	3	2	1	2		6,299	4,822					4,822	
73	1,634	1	0	2	1	1	0	1	523	552	599						
74	1,034	0	0	0	0	0	0	1			1,034						
77	81,605	6	3	21	24	14	1	7	36,047	38,310	2,822				1,605	2,821	
78	1,752	0	0	0	0	0	0	0		60	1,065					627	
83	1,427	1	0	2	1	1	0	0			1,427						
84	18,400	0	0	0	0	0	0	0			18,400						
85	7,710	0	0	1	0	0	0	0			7,710						
86	62,662	5	4	18	22	8	1	4	46,435	4,633	10,231		1,363				
87	11,209	1	0	1	1	1	0	0		984	10,215						
88	2,602	1	0	3	1	1	1	1		380	2,222						

JANITORIAL SERVICES CONTRACT

Building Number	Total Building Square Footage to be Cleaned	Rest Rooms					Drinking Fountains	Carpets Floor Area (Sq. Ft.)	Resilient Tile Floor Area (Sq. Ft.)	Concrete Floor Area (Sq. Ft.)	Wood Floor Area (Sq. Ft.)	Ceramic Tile Floor Area (Sq. Ft.)	Terrazzo Floor Area (Sq. Ft.)	Vinyl (Inc. Raised Computer) Floor Area (Sq. Ft.)	Metal Floor Area (Sq. Ft.)	Misc. Area (Sq. Ft.)
		Men's	Women's	Sinks	Toilets	Urinals										
90	6,754	1	0	2	1	1	1	0	1	3,808	4,948					
94	3,200	1	0	1	1	0	1	0	1		3,200					
95	899	0	0	0	0	0	0	0	0		893					16
96	338	0	0	0	0	0	0	0	0					338		
100 & Annex	17,834	2*	1	5	6	2	2	0	2	5,883	3,008				1,766	
101	3,477	1	1	2	2	1	1	0	1	522	2,955					
102	8,305	2	0	3	2	2	1	1	2	758	2,083					
104	5,672	1	0	2	1	1	1	0	2	365	5,307					
105	32,016	3	2	10	10	5	3	3	5	4,514	15,016		885			
106	33,314	3	2	9	9	5	1	2	6	552	25,027		238			
107	26,002	1	0	5	4	3	2	1	2	2,423	2,280				713	
108 & 108-1	989	1	1	2	2	1	1	0	1	845					144	
109	1,985	1	0	1	1	1	1	0	0		1,985					
110	42,136	4	4	18	17	4	2	4	4	5,577	14,491		1,161			
113	9,586	0	0	0	0	0	0	1	1		8,911			675		
114	4,914	1	0	1	1	1	1	0	0		4,914					
124	1,332	0	0	0	0	0	0	0	0		1,332					
125	37,419	2	1	5	4	3	2	2	4	3,167	2,320		432		1,500	
137	See Bldg. 84	0	0	0	0	0	0	0	0							
142	103,474	4	4	24	24	8	0	5	9	43,095	17,845		1,769		40,765	
143	8,637	1	1	5	2	1	1	0	1	4,149	1,989		312			
145	4,852	1	1	2	2	1	1	0	1	1,541	768		168		455	
212	637	1	0	1	1	0	0	0	1						837	
300	4,742	3	2	13	7	2	2	2	1	2,196	754		920			
301	72,251	4	2	12	8	7	1	1	9	15,209	9,956					
302	25,991	2	2	10	9	5	2	2	5	979	16,951		980			
308	368	0	0	0	0	0	0	0	0		368					
309	19,602	1	1	4	5	2	0	1	3	6,404	10,227					338
322	2,250	1	0	1	1	0	0	1	1		118				1,756	
333	39,300	2	2	9	10	3	2	4	3	7,757	3,526				6,268	
333A	8,034	1*	0	1	1	1	1	0	1		1,937				1,785	
341	6,334	1	1	6	10	3	5**	1	2	2,000		884	2,000		400	1250
342	6,500	0	0	2	0	0	0	0	1		6,500					
388	0	0	0	0	0	0	0	0	0							73
401	3,800	1	1	2	2	0	0	1	2		2,400			1,400		
402	4,000	1*	0	1	1	0	0	1	2		2,200			1,800		
500	136,653	7	8	36	39	13	0	8	27	110,402	11,044		5,550			
501	36,131	4	3	14	17	8	0	2	8	31,887	2,505		1,759			
Total (L&RG)	2,065,149	134	91	484	483	226	46	132	234	584,302	856,155	18,074	13,932	67,140	79,112	1,797

Notes:

- 1) For Building 45, the flooring material is actually a combination of rubber (3,529 sq. ft.) and resilient tile (1,799 sq. ft.). Cleaning is performed on Levels 1, 3, 4, 5, 6, 7 & 8.
- 2) Building 39 consists of the 9'x15' Wind Tunnel Shop Area, the Air Inlet Plenum, and the southeast corner of the tunnel loop where the driveway passes through the tunnel (total of 9,700 sq. ft. of concrete area).
- 3) For Building 50, the concrete area indicated (27,260 sq. ft.) is comprised of concrete and brick areas. The cleaning requirements for brick and concrete are identical.
- 4) Cleaning for Bldg. 100 includes the trailer which is located behind the building.
- 5) Cleaning in Bldg. 212 encompasses only the trailer, while Bldg. 108 includes 108-1.
- 6) *For Building 333A & 100A, the restroom is a unisex restroom.
- 7) Building 35 includes 35-1 through 35-11
- 8) Miscellaneous floor category addresses square footage which cannot be categorized due to locked access for Buildings 54 and 309; and rubberized flooring in Buildings 341 and 399.
- 9) Building 341 has four women's shower stalls and one men's gang shower and two saunas.

NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table Number 5
List of Clean Rooms

Bldg #	Room #	CWA Clean Room Class	Fed Std. 209B Clean Room Class	Dimensions	Comments/Status	Period for Cleaning
16	150	2	1,000	14 X 16 X 8	Active, once-a-month basis service; electrostatic discharge cleaning required.	Daytime only
16	186B	4	100,000	16 X 20 X 10	Active, once-a-month basis service; electrostatic discharge cleaning required.	Daytime only
55	122	1	100	42 X 50 X 8	Active, every-other-day basis service.	Evenings OK
77	18	3	10,000	12 X 12 X 8	Active, 1 hr. per week service.	None specified
77	308	3	10,000	9 X 18 X 8	Active, 1 hr. per week for floors; 4 hrs per month for walls	Daytime only
77	310	4	100,000	21 X 7.5 X 8 36 X 5 X 8	Active, 1 hr. per week for floors; 4 hrs per month for walls	Daytime only
77	311	1	100	52 X 20 X 8	Active, daily service (1 hr.)	None specified
77	312	3	10,000	17 X 18 X 8	Active, 1 hr. per week for floors; 4 hrs per month for walls	None specified
77	320	2	1,000	20 X 64 X 8	Active, daily service.	None specified
77	321	1	100	17 X 32 X 8	Active, daily service.	None specified
110	3	2 to 4	1,000 - 100,000	25 X 18 X 8	Inactive as a Clean Room effective 11/30/01.	Evenings OK or daytime between 5:30 - 7:00 a.m.
110	126	4	100,000	50 X 76 X 28	Inactive as a Clean Room effective 11/30/01.	Evenings OK or daytime between 5:30 - 7:00 a.m.
110	127	4	100,000	25 X 29 X 10	Inactive as a Clean Room effective 11/30/01.	Evenings OK or daytime between 5:30 - 7:00 a.m.
110	128	4	100,000	20 X 29 X 10	Inactive as a Clean Room effective 11/30/01.	Evenings OK or daytime between 5:30 - 7:00 a.m.
110	129	4	100,000	20 X 29 X 10	Inactive as a Clean Room effective 11/30/01.	Evenings OK or daytime between 5:30 - 7:00 a.m.
301	252	1 to 2	100 to 1,000	13 X 22 X 9	Active; clean upon request.	Second shift OK but w/key
333	100E	4	100,000	60 X 72 X 70	Active thru 2002 or 3, daily service.	Evenings OK or daytime between 5:30 - 7:00 a.m.
333	100W	4	100,000	63 X 125 X 65*	Active thru 2004, daily service.	Evenings OK or daytime between 5:30 - 7:00 a.m.
333	Lab C; 100W	4	100,000	12 X 33 X 8	Active, daily service.	Evenings OK or daytime between 5:30 - 7:00 a.m.

* Room 100 West is a large room housing three labs, A, B and C in addition to the surrounding Clean Room area. Labs A and B are not Clean Rooms, but Lab C is listed separately below.

**NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table Number 6
Listing of Cleanable Buildings**

BUILDING NUMBER OR AREA	BUILDING NAME	COMMON NICKNAME
3	Administration Building	Ad. Bldg.
4	Flight Research Building	
5	Engine Research Building	ERB
6	Chemistry Laboratory	Chem. Lab.
7	Microwave Systems Laboratory	MSL
8	Visitor Center	VIC
9	Refrigeration Building	
11	Icing Research Tunnel	IRT
12	Steam Plant	
14	Technical Services Building	
15	Edward R. Sharp Employee Center	
16	Electric Propulsion Research Building	EPRB
21/21A	Engineering & Supply Building	
23	ERB West Wing	
24	Special Projects Laboratory	
28	Logistics Management Building	
34	Materials Research Laboratory	
35/35-1 - 35-11	Rocket Laboratories	Rocket Lab.
37	ERB Northwest Wing	
38	High Pressure Facility	HPF
39	8 X 6 Supersonic Wind Tunnel (Loop)	
45	Drop Tower	
49	Materials & Structures Labs	
50	Fabrication Shop	Fab. Shop
51	High Temperature Composites Laboratory	
53	8 X 6 SWT Drive Equipment Building	
54	8 X 6 SWT Office & Control Building	8 X 6
55	Communications Laboratory	
56	Structural Dynamics Laboratory	
57	8 X 6 SWT Air Dryer Building	
60	Library Services Building	
61	8 X 6 SWT Models Preparation Building	
64	Central Air Equipment Building	
66	PSL Access Building	
73	Service Support Building	
74	PSL Cooling Tower Water Pump Building	
77	Instrument Research Laboratory	IRT
78	Solar Power Laboratory Annex	
83	Cryogenic Services Building	
84	Warehouse No. 1	
85	10 X 10 Supersonic Wind Tunnel (Loop)	
86	10 X 10 Office & Control Building	10 X 10
87	10 X 10 SWT Secondary Compressor & Drive Building	
88	10 X 10 SWT Air Dryer Building	
90	10 X 10 SWT Main Compressor & Drive Building	

BUILDING NUMBER OR AREA	BUILDING NAME	COMMON NICKNAME
94	10 X 10 SWT Cooling Tower Water Pump Building	
95	PSL Dessicant Air Dryer	
98	Engine Components Research Laboratory Annex	
100 & Annex	Rocket Operations Building	
101	Operations - Integration Facility	
102	Engine Components Research Laboratory	ECRL
104	Garage	
105	Materials Processing Laboratory	
106	Basic Materials Laboratory	
107	Maintenance & Repair Building	
108 & 108-1	Gate House (Main) & Guard Station	Main Gate
109	Components Cleaning Facility	
110	Zero Gravity Facility	Zero G
113	10 X 10 SWT Shop Building	
114	10 X 10 SWT Exhauster Building	
124	PSL Heater Building	
125	PSL Engine Test Building	PSL
137	Warehouse No. 2	
142	Research Analysis Center	RAC Bldg.
143	Central Control Building	Central Control
145	Aero Acoustic Propulsion Laboratory	AAPL
212	Central Chemical Storage Facility	
300	Management Conference Building	Guerin House
301	Electric Power Laboratory	EPL
302	Energy Conversion Laboratory	
309	Space Power Research Laboratory	
322	Program Support Communication Network	
333	Power Systems Facility	PSF
333A	Power Systems Facility Annex	
340	Child Development Center	Day Care, Lewis Little Folks
341	Fitness Center	
342 & Ball Fields	Picnic Pavillion	Picnic Grounds
399	Gate House (West)	West Gate
401	Creek Road Shop	SMIRF Shop
402	Small Scale Multipurpose Research Facility	SMIRF
500	Development Engineering Building	DEB
501	Development Engineering Building Annex	DEB Annex
South Forty - Gate 11	South Forty - Gate 11	

* Biohazard Cleanup Only

**NASA Glenn Research Center
Inventory of Facilities
Building Audit - Table 7
Listing of HVAC Diffusers**

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
3	24" Square Diffuser	27	11	2
	Cold Air	0	17	3
	Grill over Diffuser	8	2	0
	Heat Vents	5	2	0
	Heating Unit	56	24	0
		96	56	5
4	24 " Square Diffuser	27	22	16
	Cold Air	0	3	0
		27	25	16
5	12" Round Diffuser	5	4	0
	24" Square Diffuser	115	52	1
	Cold Air	0	13	0
	Floor Unit	2	0	0
	Grill over Diffuser	15	7	0
		137	76	1
6	12" Round Diffuser	97	20	0
	48" Long Diffuser	92	39	0
	Cold Air	0	8	0
		189	67	0
7	24" Square Diffuser	6	13	23
8	24" Square Diffuser	25	16	0
		25	16	0
9	24" Square Diffuser	2	2	2
11	24" Square Diffuser	9	26	0
12	24" Square Diffuser	0	0	1
14	24" Square Diffuser	22	10	0
		22	10	0
15	24" Long Diffuser	16	0	0
	24" Square Diffuser	50	21	0
	24" X 48" Long Diffuser	8	2	0
	48" Long Diffuser	34	0	0
	Cold Air	0	16	0
		108	39	0

JANITORIAL SERVICES CONTRACT

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
16	24" Square Diffuser	37	12	0
	Cold Air	2	11	0
		39	23	0
21	24" Square Diffuser	44	0	0
		44	0	0
21A	24" Square Diffuser	2	0	0
		2	0	0
23	24" Square Diffuser	43	6	0
	Cold Air	0	22	0
		43	28	0
24	24" Square Diffuser	15	55	4
28	24" Square Diffuser	15	9	0
	Cold Air	0	1	0
		15	10	0
34	24" Square Diffuser	5	10	1
35-1	12" Round Diffuser	5	5	3
35-11	12" Round Diffuser	7	5	0
37	24" Square Diffuser	0	8	2
38	None	0	0	0
39	24" Square Diffuser	2	9	0
	12" Round Diffuser	2	0	0
		4	9	0
45	24" Square Diffuser	7	4	0
	Cold Air	0	7	0
		7	11	0
49	24" Square Diffuser	163	84	0
	4 Foot Circular Diffuser	3	5	0
	48" Grilled Diffuser	156	9	0
	48" Long Diffuser	18	3	0
	Cold Air	27	14	0
	Liebert Ceiling Unit	1	1	0
	Wall Unit	2	0	0
		370	116	0
50	24" Square Diffuser	55	27	0
	Cold Air	0	56	0
		55	83	0

JANITORIAL SERVICES CONTRACT

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
51	12" Quad Diffuser	8	19	0
53	24" Square Diffuser	2	3	0
54	12" Quad Diffuser	34	0	0
	24" Square Diffuser	34	3	0
	40" Long Grilled Diffuser	49	5	0
	Cold Air	4	18	9
	Heating Unit	53	7	0
	Liebert Ceiling Unit	1	0	0
		175	33	9
55	24" Square Diffuser	3	1	0
	48" Long Diffuser	29	1	0
	Cold Air	0	2	0
	Grill over Diffuser	16	6	0
	Heat Vents	2	0	0
	Heating Unit	6	0	0
		56	10	0
56	24" Square Diffuser	9	5	0
	48" Long Diffuser	21	0	0
	Cold Air	0	40	0
	Heating Unit	4	0	0
		34	45	0
57	24" Square Diffuser	2	2	0
60	24" Square Diffuser	32	7	0
	Cold Air	1	11	0
		33	18	0
61	24" Square Diffuser	2	10	0
	12" Quad Diffuser	1	0	0
		3	10	0
64	4 Tier Louver & Grid	5	40	5
66	24" Square Diffuser	2	0	0
	Cold Air	8	7	0
		10	7	0
73	24" Square Diffuser	8	1	0
		8	1	0
77	24" Square Diffuser	86	56	3
		2	13	7
		88	69	10
78	None	0	0	1

JANITORIAL SERVICES CONTRACT

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
83	24" Square Diffuser	4	9	0
84	None	0	0	0
85	24" Square Diffuser	~ 24	30	19
	24" Quad Diffuser	~ 29	0	0
		53	30	19
86	24" Long Diffuser	8	1	0
	24" Square Diffuser	35	19	0
	40" Long Grilled Diffuser	5	5	0
	48" Long Diffuser	197	18	0
	Cold Air	0	38	1
	Grill over Diffuser	6	0	0
	Heating Unit	80	30	0
	Liebert Ceiling Unit	1	1	0
		332	112	1
87	Cold Air	0	1	0
	2 Foot Circular Diffuser	4	2	0
		4	3	0
88	12" Quad Diffuser	1	0	1
90	12" Quad Diffuser	8	6	0
		2	1	0
		10	7	0
94	None	0	0	0
98	None	0	0	1 Box
100 & Anx.	24" Square Diffuser	9	22	1 Box
101	24" Square Diffuser	7	4	0
		1	0	1
		8	4	1
102	24" Quad Diffuser	4	10	5
	12" Quad Diffuser	3	0	0
		7	10	5
104	Window air conditioner	0	0	3 Box
105	24" Half Moon Diffuser	2	0	0
	24" Long Diffuser	16	2	0
	24" Square Diffuser	54	14	0
	Cold Air	0	25	0
	Grill over Diffuser	4	2	0
		76	43	0

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
106	24" Square Diffuser	51	12	0
	48" Long Diffuser	108	48	0
	Cold Air	0	22	0
	Floor Unit	12	10	0
		171	92	0
107	24" Square Diffuser	36	5	0
		36	5	0
108 & 108-1	24" Square Diffuser	4	1	0
	6' Diffuser	6	0	0
	Cold Air	0	2	0
		10	3	0
109	24" Square Diffuser	3	0	1
110	24" Square Diffuser	68	39	0
	48" Half Moon Diffuser	23	5	0
	Cold Air	8	19	0
		99	63	0
113	24" Square Diffuser	4	15	0
114	24" Square Diffuser	1	1	0
124	N/A	0	0	0
125	24" Square Diffuser	~ 4	21	2
	12" Round Diffuser	~ 3	0	0
		7	21	2
137	N/A	0	0	0
142	24" Square Diffuser	99	57	0
	48" Long Diffuser	33	9	0
	6' Diffuser	1	1	0
	Cold Air	2	12	0
		135	79	0
143	Cold Air	27	12	0
		27	12	0
145	24" Square Diffuser	15	9	0
	48" Half Moon Diffuser	2	1	0
	Heating Unit	1	1	0
		18	11	0
212	Window air conditioner	1	1	0

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	COLD UNITS	WALL UNITS
300	24" Square Diffuser	2	0	0
	Cold Air	0	6	0
	Heat Vents	24	0	0
	Heating Unit	3	0	0
		29	6	0
301	24" Square Diffuser	4	3	0
	40" Long Grilled Diffuser	16	16	0
	48" Long Diffuser	105	35	0
	Cold Air	0	10	0
	Grill over Diffuser	4	0	0
	Heating Unit	31	12	0
	Hirass	1	0	0
		161	76	0
302	24" Square Diffuser	24	6	0
	Cold Air	0	4	0
	Heating Unit	5	13	0
		29	23	0
309	24" Square Diffuser	16	9	0
	48" Half Moon Diffuser	15	0	0
	6" Diffuser	2	4	0
	Air Vents	7	4	0
	Cold Air	0	3	0
	Heating Unit	27	1	1
	McQuay	2	0	0
	Trane	1	0	0
	12' Long Diffuser	4	0	0
		74	21	1
322	24" Square Diffuser	20	7	0
333	24" Long Diffuser	17	8	0
	24" Square Diffuser	58	6	0
	Cold Air	0	15	0
	Heating Unit	4	5	0
	McQuay	1	0	0
		80	34	0
333A	12" Duct Vents	U/A	U/A	U/A
341	Under Construction - To Be Updated			
342	None	0	0	0
399	Window air conditioner	0	1	0
401	Under Construction - To Be Updated			

BUILDING	DIFFUSER DESCRIPTION	NO. OF DIFFUSERS	NO. OF COLD UNITS	NO. OF WALL UNITS
402	Under Construction - To Be Updated			
500	12" Round Diffuser	5	1	0
	24" Square Diffuser	37	8	0
	48" Long Diffuser	36	4	0
	6' Diffuser	4	0	2
	Cold Air	2	45	1
	Floor Unit	269	8	5
	Wall Unit	15	5	3
		368	71	11
501	Cold Air	2	0	0
	Floor Unit	89	0	0
		91	0	0
South Forty	N/A	0	0	0
	TOTAL CLEANABLE HVAC UNITS	3524	1732	130

NOTE: Scheduled cleaning shall begin January 2004. Contractor shall submit schedule to COTR.